

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

ERIE COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Afton Trucking, Inc.	25930302			33,834	33,834	Sand and Gravel	0	150	1	0	0
	3076SM2			73,940	73,940	Sand and Gravel	0	140	4	0	0
Total		0	0	107,774	107,774		0		5	0	0
Bedrock Sand & Gravel, Inc.	25940302			77,540	77,540	Sand and Gravel	0	165	5	0	1
Total		0	0	77,540	77,540		0		5	0	1
Beute & Biley, Inc.	25940301			3,286	3,286	Sand and Gravel	0	225	4	0	0
Total		0	0	3,286	3,286		0		4	0	0
Burawa, Joseph	25910801			2,000	2,000	Sand and Gravel	0	102	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Burdick, Vance E.	SM-535			1,849	1,849	Sand and Gravel	0	12	1	0	0
Total		0	0	1,849	1,849		0		1	0	0
Cass, Clifford A.	25880304			59,514	59,514	Sand and Gravel	0	141	1	0	0
Total		0	0	59,514	59,514		0		1	0	0
Coe, William R., Jr.	25960801			1,800	1,800	Sand and Gravel	0	12	2	0	0
Total		0	0	1,800	1,800		0		2	0	0
Colvin, Roy L.	25870806			2,000	2,000	Sand and Gravel	0	11	2	0	0
Total		0	0	2,000	2,000		0		2	0	0
Conn, Albert R.	4876SM19			38,725	38,725	Sand and Gravel	0	170	2	0	0
Total		0	0	38,725	38,725		0		2	0	0
Dean Glover Trucking	4878SM1			21,223	21,223	Sand and Gravel	0	75	1	0	0
Total		0	0	21,223	21,223		0		1	0	0
Erie Aggregates, Inc.	3173SM11			157,412	157,412	Sand and Gravel	0	163	8	0	0
	25970304			18,817	18,817	Sand and Gravel	0	151	2	0	0
Total		0	0	176,229	176,229		0		10	0	0
Fenton, C. B.	25870301			21,159	21,159	Sand and Gravel	0	245	2	0	0
Total		0	0	21,159	21,159		0		2	0	0
Francis, Tom	25950802			1,570	1,570	Sand and Gravel	0	50	1	0	0
Total		0	0	1,570	1,570		0		1	0	0
Franklin Twp.	25860301			6,031	6,031	Sand and Gravel	0	34	1	0	0
Total		0	0	6,031	6,031		0		1	0	0

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

ERIE COUNTY (continued)

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Girts, David M., Jr. & Dorothy	25800303			12,800	12,800	Sand and Gravel	0	220	1	0	0
Total		0	0	12,800	12,800		0		1	0	0
Glover, James H.	25870302			23,265	23,265	Sand and Gravel	0	147	1	0	0
Total		0	0	23,265	23,265		0		1	0	0
Grubbs, Elwood M.	3174SM2			212	212	Sand and Gravel	0	12	1	0	0
	3174SM6			2,250	2,250	Sand and Gravel	0	67	1	0	0
Total		0	0	2,462	2,462		0		2	0	0
Hanas Gravel Co.	25880305			21,480	21,480	Sand and Gravel	0	100	3	0	0
Total		0	0	21,480	21,480		0		3	0	0
Hoover Sand & Gravel Co., Inc.	25900304			121,111	121,111	Sand and Gravel	0	263	3	0	0
	25900301			177,627	177,627	Sand and Gravel	0	274	6	0	2
Total		0	0	298,738	298,738		0		9	0	2
Kress, Gilbert	25870804			2,000	2,000	Sand and Gravel	0	120	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Kuhl, Walter	2579301			56,053	56,053	Sand and Gravel	0	240	3	0	0
Total		0	0	56,053	56,053		0		3	0	0
McKean Sand & Gravel, Inc.	25880303			22,500	22,500	Sand and Gravel	0	50	1	0	0
Total		0	0	22,500	22,500		0		1	0	0
Munsee Sand & Gravel	25880302			19,725	19,725	Sand and Gravel	0	20	2	0	0
Total		0	0	19,725	19,725		0		2	0	0
Northwest Gravel Co.	4876SM8			81,000	81,000	Sand and Gravel	0	225	7	0	2
Total		0	0	81,000	81,000		0		7	0	2
Pavkov, Milan L.	25860804			1,900	1,900	Sand and Gravel	0	N/A	1	0	0
Total		0	0	1,900	1,900		0		1	0	0
Raymond D. Showman & Sons, Inc.	25800305			1,123	1,123	Sand and Gravel	0	10	2	0	0
	25970306			62,391	62,391	Sand and Gravel	0	218	2	0	0
Total		0	0	63,514	63,514		0		4	0	0
Robinson, Ronald	25970805			1,800	1,800	Sand and Gravel	0	11	2	0	0
Total		0	0	1,800	1,800		0		2	0	0

N/A - Not Available

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

ERIE COUNTY (continued)

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Rohrer, Blum	25970803			1,000	1,000	Sand and Gravel	0	N/A	1	0	0
Total		0	0	1,000	1,000		0		1	0	0
Sibleyville Land & Gravel Co.	25800306			9,500	9,500	Sand and Gravel	0	N/A	1	0	0
	25950305			18,900	18,900	Sand and Gravel	0	N/A	1	0	0
Total		0	0	28,400	28,400		0		2	0	0
Skelton, Carolyn R. & Skelton Lewis	25970802			2,000	2,000	Sand and Gravel	0	28	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Tom Parmenter Excavating	25972809			1,500	1,500	Sand and Gravel	0	N/A	1	0	0
Total		0	0	1,500	1,500		0		1	0	0
Troyer, Mervin	4876SM5			10,000	10,000	Sand and Gravel	0	100	1	0	0
Total		0	0	10,000	10,000		0		1	0	0
Troyer Sand & Gravel Ltd.	25950304			212,722	212,722	Sand and Gravel	0	152	5	0	0
Total		0	0	212,722	212,722		0		5	0	0
Tucci, Frank	25820301			3,600	3,600	Shale	0	10	3	0	0
Total		0	0	3,600	3,600		0		3	0	0
Waldemarson, John W.	25900802			715	715	Sand and Gravel	0	27	1	0	0
Total		0	0	715	715		0		1	0	0
Waterford Sand & Gravel	25890302			192	192	Sand and Gravel	0	N/A	1	0	0
	4876SM12			7,518	7,518	Sand and Gravel	0	29	1	0	0
	25860307			22,320	22,320	Sand and Gravel	0	17	1	0	0
Total		0	0	30,030	30,030		0		3	0	0
Wroblewski Sand & Gravel, Inc.	25930305			8,784	8,784	Sand and Gravel	0	200	6	0	0
	25890301			13,914	13,914	Sand and Gravel	0	200	6	0	0
	25970308			79,681	79,681	Sand and Gravel	0	200	6	0	0
Total		0	0	102,379	102,379		0		18	0	0
Erie Total		0	0	1,520,283	1,520,283		0		111	0	5

N/A - Not Available

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

FAYETTE COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Allan R. Fiore, Inc.	26810301			2,515	2,515	Sand and Gravel	0	N/A	1	0	0
Total		0	0	2,515	2,515		0		1	0	0
Carbon Fuel Resources, Inc.	26900304			32,019	32,019	Cinders (Reddog)	0	52	2	0	0
Total		0	0	32,019	32,019		0		2	0	0
Commercial Stone Co., Inc.	3372SM25A			2,157,773	2,157,773	Limestone	1,700,916	306	34	0	0
Total		0	0	2,157,773	2,157,773		1,700,916		34	0	0
M & Y Services, Inc.	26950301			42,463	42,463	Cinders (Reddog)	0	57	2	0	0
Total		0	0	42,463	42,463		0		2	0	0
Silbaugh, Ralph G., Jr.	26942302			270	270	Topsoil	0	30	1	0	0
Total		0	0	270	270		0		1	0	0
Solomon & Davis, Inc.	26972302			900	900	Sand and Gravel	0	120	1	0	0
	26862302			50	50	Sand and Gravel	0	30	1	0	0
Total		0	0	950	950		0		2	0	0
Steve Patterson Excavating	26972303			2,000	2,000	Sandstone	414	30	1	0	0
Total		0	0	2,000	2,000		414		1	0	0
Wallace, Patrick Michael	26962301			1,587	1,587	Slag	0	N/A	1	0	0
Total		0	0	1,587	1,587		0		1	0	0
Fayette Total		0	0	2,239,577	2,239,577		1,701,330		44	0	0

FOREST COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
A. A. Ames & Co.	27840601			3,220	3,220	Sandstone	0	10	2	0	0
Total		0	0	3,220	3,220		0		2	0	0
Kuntz, Jack J.	4672SM8			150	150	Sand and Gravel	0	10	1	0	0
Total		0	0	150	150		0		1	0	0
Robert A. Silvis Excavating	27910801			1,430	1,430	Sandstone	0	35	1	0	0
Total		0	0	1,430	1,430		0		1	0	0
Forest Total		0	0	4,800	4,800		0		4	0	0

N/A - Not Available

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

FRANKLIN COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Beidel, Arthur J.	28980801			1,500	1,500	Shale	0	25	1	0	0
Total		0	0	1,500	1,500		0		1	0	0
Charles E. Brake Co., Inc.	6477SM9			4,620	4,620	Shale	0	3	1	0	0
	2879303			8,844	8,844	Sandstone	0	6	1	0	0
	6476SM22			90,464	90,464	Sandstone	0	63	1	0	0
	28870301			111,892	111,892	Sandstone	0	78	1	0	0
Total		0	0	215,820	215,820		0		4	0	0
Charles W. Kershner, Jr. & Son	28830302			580	580	Shale	0	10	1	0	0
Total		0	0	580	580		0		1	0	0
Cridler, Lester G.	6476SM19			600	600	Shale	0	30	3	0	0
Total		0	0	600	600		0		3	0	0
Crouse Bros.	6476SM8			2,227	2,227	Shale	0	29	1	0	0
Total		0	0	2,227	2,227		0		1	0	0
David H. Martin Excavating, Inc.	6478NC4			121,236	121,236	Shale	0	180	6	0	0
	28900301			180,010	180,010	Shale	0	260	10	0	0
Total		0	0	301,246	301,246		0		16	0	0
D. L. George & Sons Construction Co.	28900303			3,204	3,204	Sandstone	0	6	5	0	0
Total		0	0	3,204	3,204		0		5	0	0
Fayetteville Construction, Inc.	28860301			824	824	Shale	0	6	1	0	0
	6476SM15			5,648	5,648	Shale	0	23	1	0	0
	22860302			24,166	24,166	Shale	0	86	1	0	0
Total		0	0	30,638	30,638		0		3	0	0
Hombaker, Ray D.	28960801			2,000	2,000	Shale	0	100	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
ISP Minerals, Inc.	6477SM5	96,400		144,973	241,373	Other Metamorphic	543,817	145	65	0	3
	01930302	96,400		144,973	241,373	Other Metamorphic	543,817	145	66	0	0
Total		192,800	0	289,946	482,746		1,087,634		131	0	3
James L. Walls Excavating	28950801			900	900	Sandstone	0	14	2	0	0
Total		0	0	900	900		0		2	0	0

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TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

FRANKLIN COUNTY (continued)

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Kahl, John C., Jr.	28832501			1,600	1,600	Shale	0	24	2	0	0
Total		0	0	1,600	1,600		0		2	0	0
King Excavating	28970802			1,970	1,970	Shale	0	56	2	0	0
Total		0	0	1,970	1,970		0		2	0	0
Mach Tool Rebuild Specialists	28960802			1,000	1,000	Sandstone	0	N/A	2	0	0
Total		0	0	1,000	1,000		0		1	0	0
May & Co., Inc.	28860802			150	150	Shale	0	2	1	0	0
Total		0	0	150	150		0		1	0	0
McCulloh, Robert D.	28840301			14,966	14,966	Shale	0	102	6	0	0
Total		0	0	14,966	14,966		0		6	0	0
Mills, Allen L.	28940801			2,000	2,000	Sandstone	0	30	6	0	0
Total		0	0	2,000	2,000		0		1	0	0
New Enterprise Stone & Lime Co.	5074SM4			90,794	90,794	Limestone	47,236	225	1	0	0
Total		0	0	90,794	90,794		47,236		3	0	1
P & W Excavating, Inc.	6477SM1			650	650	Shale	0	2	3	0	1
	28930301			4,250	4,250	Shale	0	12	2	0	0
Total		0	0	4,900	4,900		0		2	0	0
Peters Twp. Supervisor	28811201			510	510	Shale	0	3	4	0	0
Total		0	0	510	510		0		2	0	0
R & D Contractor	28900305			5,774	5,774	Sandstone	0	30	2	0	0
Total		0	0	5,774	5,774		0		2	0	0
Reese M. Joseph & Marlene	28810302			100	100	Shale	0	10	2	0	0
Total		0	0	100	100		0		1	0	0
Robinson, Carl L.	28940804			1,645	1,645	Shale	0	15	1	0	0
Total		0	0	1,645	1,645		0		1	0	0
Snoke's Excavating & Paving, Inc.	6476SM17			25,190	25,190	Shale	0	63	4	0	0
Total		0	0	25,190	25,190		0		4	0	0
St. Thomas Towing Rollback Service	28940803			1,100	1,100	Shale	0	N/A	4	0	0
Total		0	0	1,100	1,100		0		1	0	0

N/A - Not Available

**TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY**

FRANKLIN COUNTY (continued)

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Timmons, Daniel B.	28970803			650	650	Shale	0	15	2	0	0
Total		0	0	650	650		0		2	0	0
Timmons, Thomas H.	28850804			1,735	1,735	Shale	0	N/A	1	0	0
Total		0	0	1,735	1,735		0		1	0	0
Upland Acres Corp.	6476SM26			2,700	2,700	Sandstone	0	5	1	0	0
Total		0	0	2,700	2,700		0		1	0	0
Valley Quarries, Inc.	6477SM3			522	522	Limestone	0	N/A	5	0	0
	5074SM2			110,477	110,477	Sandstone	55,516	167	8	0	1
	5074SM3			334,705	334,705	Sand and Gravel	0	199	12	0	0
	5074SM1			1,063,063	1,063,063	Limestone	371,700	198	27	0	0
Total		0	0	1,508,767	1,508,767		427,216		52	0	1
Walls Bros. Salvage	28830301			2,468	2,468	Sandstone	0	45	1	0	0
Total		0	0	2,468	2,468		0		1	0	0
Weller, Donald L.	28970801			2,000	2,000	Shale	0	41	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Young M.	28940802			1,210	1,210	Shale	0	60	1	0	0
Total		0	0	1,210	1,210		0		1	0	0
Franklin Total		192,800	0	2,519,890	2,712,690		1,562,086		258	0	5

FULTON COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
H. B. Mellott Estate, Inc.	29940301			414,928	414,928	Limestone	179,257	173	7	0	4
Total		0	0	414,928	414,928		179,257		7	0	4
P & W Excavating, Inc.	6577SM3A			2,560	2,560	Shale	0	5	1	0	0
Total		0	0	2,560	2,560		0		1	0	0
Richards, K. G.	29890301			6,750	6,750	Shale	0	30	1	0	0
Total		0	0	6,750	6,750		0		1	0	0
Fulton Total		0	0	424,238	424,238		179,257		9	0	4

N/A - Not Available

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

HUNTINGDON COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Glass Bagging Enterprises, Inc.	31950301			8,000	8,000	Sand and Gravel	0	80	2	0	0
Total		0	0	8,000	8,000		0		2	0	0
New Enterprise Stone & Lime Co.	4274SM7			514	514	Limestone	0	N/A	2	0	0
	4274SM26			223,887	223,887	Limestone	76,269	151	1	0	0
	4275SM19			338,807	338,807	Limestone	29,520	175	3	0	0
	4275SM14T			917,408	917,408	Limestone	472,928	160	12	0	0
Total		0	0	1,480,616	1,480,616		578,717		31	0	0
U. S. Silica Co.	4275SM20A	342,364		291,643	634,007	Sandstone	191,326	250	47	0	0
Total		342,364	0	291,643	634,007		191,326		64	0	0
Huntingdon Total		342,364	0	1,780,259	2,122,623		770,043		113	0	0

INDIANA COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Edward C. Griffith Quarrying, Inc.	32900301			155,552	155,552	Sandstone	141,836	305	6	0	0
Total		0	0	155,552	155,552		141,836		6	0	0
Penn Run Gravel	32940301			34,760	34,760	Sandstone	0	179	6	0	0
Total		0	0	34,760	34,760		0		1	0	0
Sharp, William P.	32980801			1,200	1,200	Shale	0	16	1	0	0
Total		0	0	1,200	1,200		0		1	0	0
Shawley, John P.	32970801			1,878	1,878	Topsoil	0	88	1	0	0
Total		0	0	1,878	1,878		0		1	0	0
Indiana Total		0	0	193,390	193,390		141,836		9	0	0

N/A - Not Available

**TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY**

JEFFERSON COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Bob Olson Contractor	33890808			1,300	1,300	Sandstone	0	3	1	0	0
						Shale					0
Total		0	0	1,300	1,300		0		1	0	0
Cole, Robert J.	33900307			7,600	7,600	Clay	0	16	2	0	0
Total		0	0	7,600	7,600		0		2	0	0
Doverspike Bros. Coal Co.	33960802			2,000	2,000	Shale	0	7	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Fred Whelpley Excavation	33900802			1,400	1,400	Shale	0	55	3	0	0
Total		0	0	1,400	1,400		0		3	0	0
Glenn Bros. Quarry	3872SM12			96,490	96,490	Sandstone	67,249	174	4	0	0
							67,249		4	0	0
Total		0	0	96,490	96,490		67,249		4	0	0
Kniseley, Lyle B.	33960803			855	855	Shale	0	6	1	0	0
Total		0	0	855	855		0		1	0	0
Marie, Samuel J.	33860818			100	100	Shale	0	10	1	0	0
Total		0	0	100	100		0		1	0	0
New Enterprise Stone & Lime Co.	38A76SM8			20,122	20,122	Sandstone	0	69	3	0	0
						Shale					
Total		0	0	20,122	20,122		0		3	0	0
Jefferson Total		0	0	129,867	129,867		67,249		16	0	0

TABLE 38 (Continued)
INDUSTRIAL MINERAL SURFACE MINES - STATISTICAL SUMMARY BY COUNTY

JUNIATA COUNTY

Company	Permit	Shipped By			Total Production	Mineral Mined	Explosives Used	Days Worked	Number of Employees	Accidents	
		Rail	Water	Truck						Fatal	Non-Fatal
Berrier, Gerald L.	34950801			1,300	1,300	Shale	0	24	1	0	0
Total		0	0	1,300	1,300		0		1	0	0
Cramer, Kenneth L.	34960802			2,000	2,000	Shale	0	60	1	0	0
Total		0	0	2,000	2,000		0		1	0	0
Gibbons, Robert L.	34900801			1,500	1,500	Shale	0	N/A	1	0	0
Total		0	0	1,500	1,500		0		1	0	0
Hosler, James H.	400652-1			2,000	2,000	Shale	0	58	2	0	0
Total		0	0	2,000	2,000		0		2	0	0
Jay Fulkroad & Sons, Inc.	34860301			231,422	231,422	Limestone	137,777	170	2	0	0
Total		0	0	231,422	231,422		137,777		9	0	1
Longs Excavation, Inc.	34910801			900	900	Shale	0	60	2	0	0
Total		0	0	900	900		0		2	0	0
McKnight, David M.	34960805			800	800	Shale	0	38	1	0	0
Total		0	0	800	800		0		1	0	0
Zemco, Inc.	34982801			3,000	3,000	Shale	3,000	30	2	0	0
Total		0	0	3,000	3,000		3,000		2	0	0
Juniata Total		0	0	242,922	242,922		140,777		19	0	1

N/A - Not Available